

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092225.D
 Acq On : 12 Jan 2017 23:31
 Operator : UM/SJ
 Sample : I1030-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0020

Quant Time: Jan 13 00:32:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

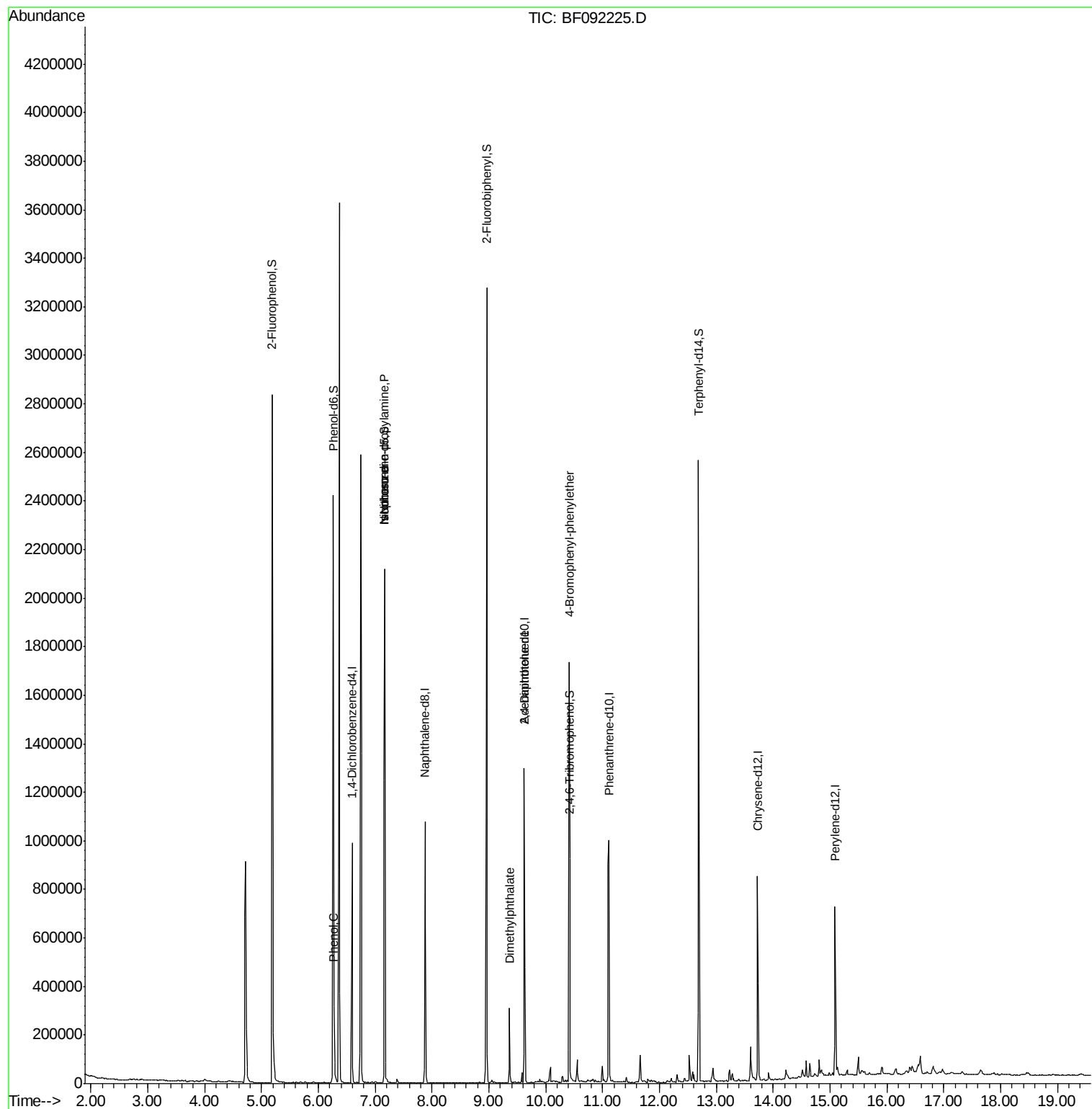
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	172684	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	638723	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	309555	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	538458	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	319306	20.00	ng	-0.06
86) Perylene-d12	15.09	264	312731	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	860857	83.24	ng	-0.05
7) Phenol-d6	6.26	99	1223502	96.90	ng	-0.05
23) Nitrobenzene-d5	7.17	82	872631	75.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	254314	99.27	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1065344	67.92	ng	-0.05
78) Terphenyl-d14	12.69	244	887748	67.43	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	61327	4.26	ng	# 67
19) n-Nitroso-di-n-propylamine	7.17	70	112130	13.35	ng	# 72
25) Isophorone	7.17	82	865631	40.85	ng	# 65
37) 2-Methylnaphthalene	8.60	142	343	Below Cal	#	82
49) Dimethylphthalate	9.36	163	127175	6.42	ng	99
56) 2,4-Dinitrotoluene	9.62	165	41735	7.67	ng	# 19
66) 4-Bromophenyl-phenylether	10.41	248	15269	2.73	ng	# 1
71) Anthracene	11.13	178	6568	Below Cal		97
73) Di-n-butylphthalate	11.68	149	2578	Below Cal	#	76
74) Fluoranthene	12.31	202	14055	Below Cal		99
76) Benizidine	12.69	184	11504	Below Cal		98

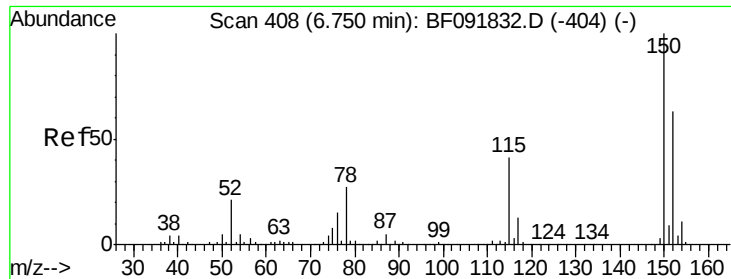
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Instrument :

BNA_F

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COMP-0020

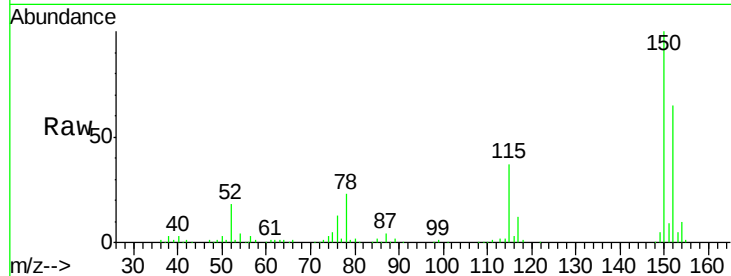
Tgt Ion:152 Resp: 172684

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

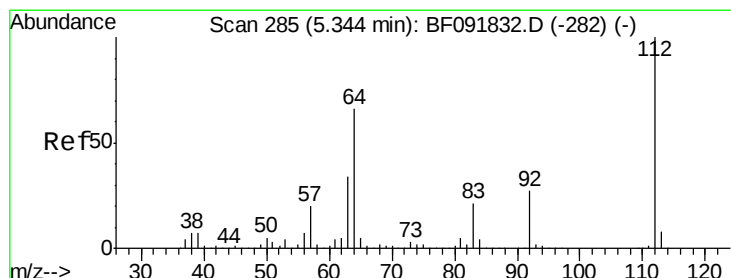
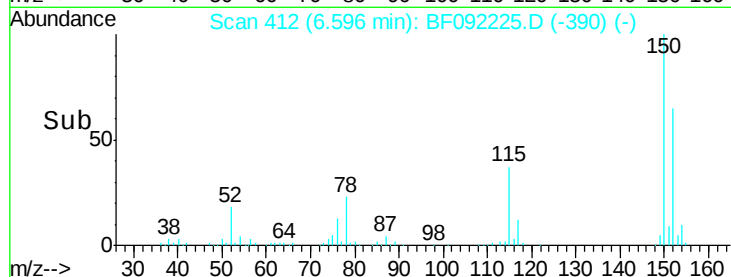
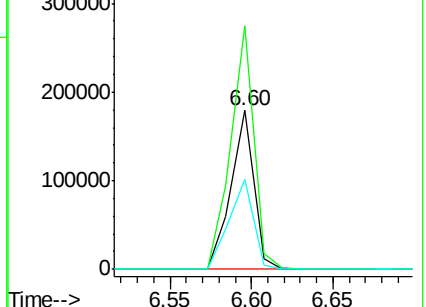
115 56.8 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 83.24 ng

RT: 5.19 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

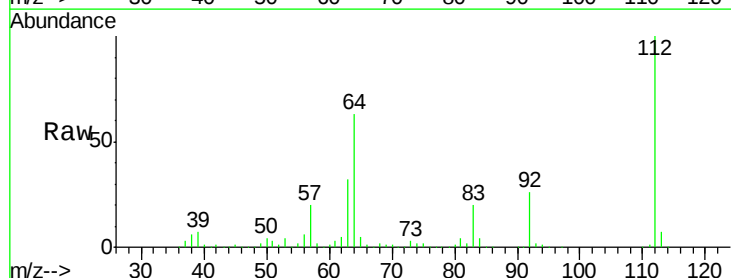
Tgt Ion:112 Resp: 860857

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

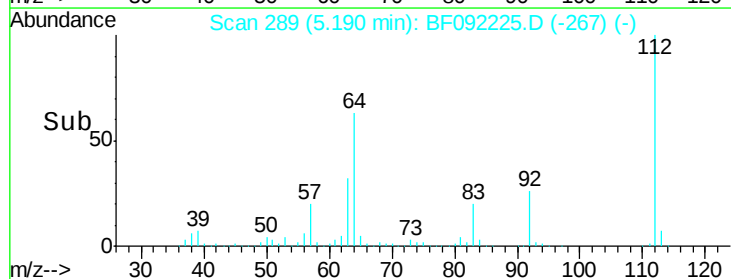
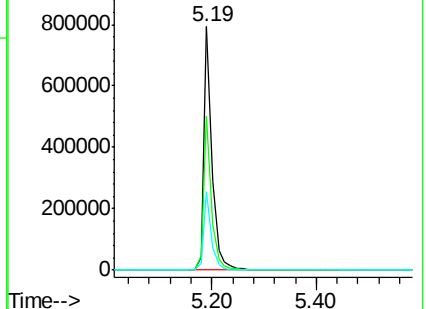
63 32.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.90 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Instrument :

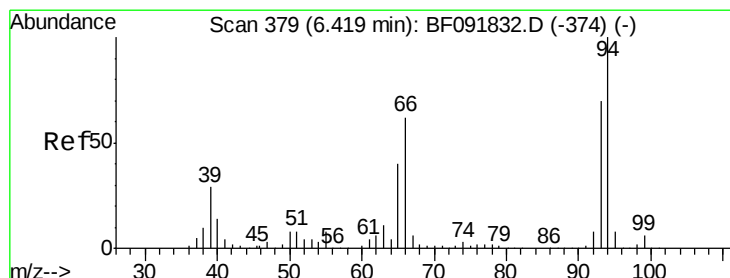
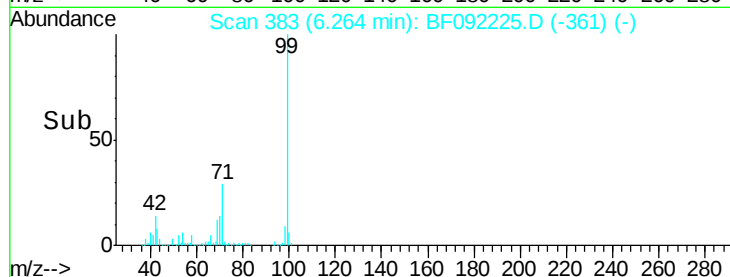
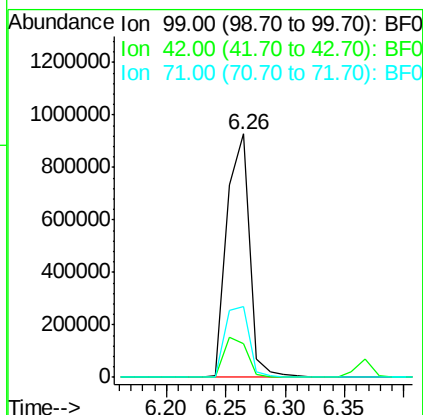
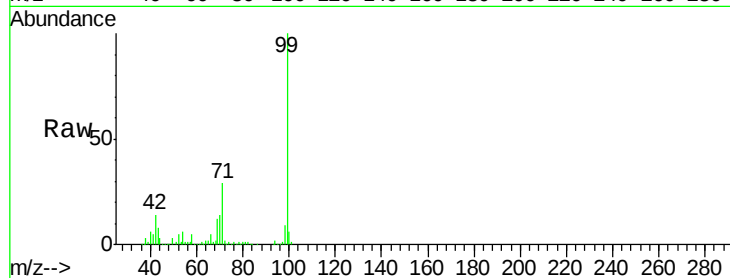
BNA_F

ClientSampleId :

COMP-0020

Tgt Ion: 99 Resp: 1223502

Ion	Ratio	Lower	Upper
99	100		
42	14.0	15.6	23.4#
71	28.9	27.5	41.3



#10

Phenol

Concen: 4.26 ng

RT: 6.28 min Scan# 384

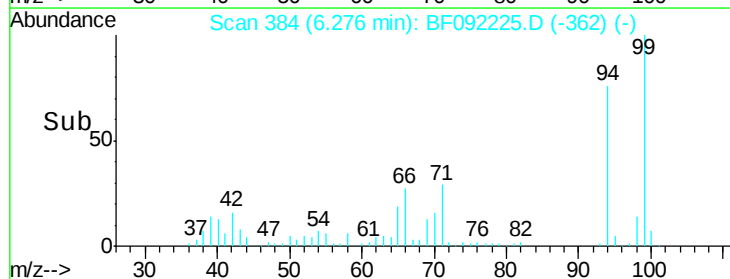
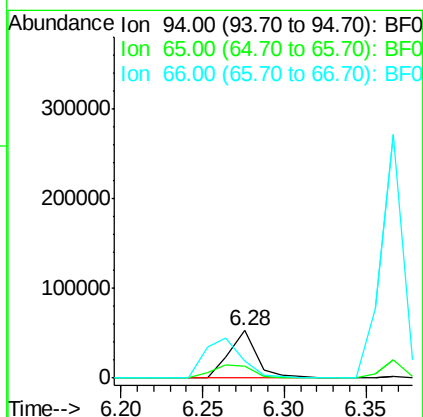
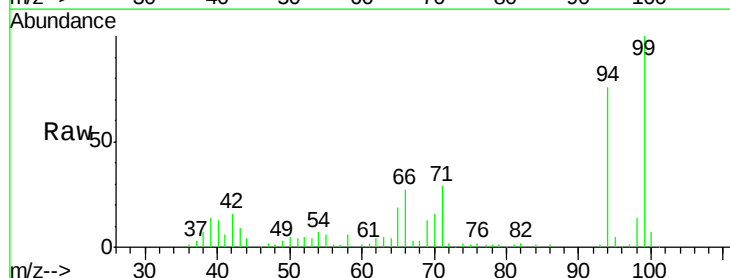
Delta R.T. -0.05 min

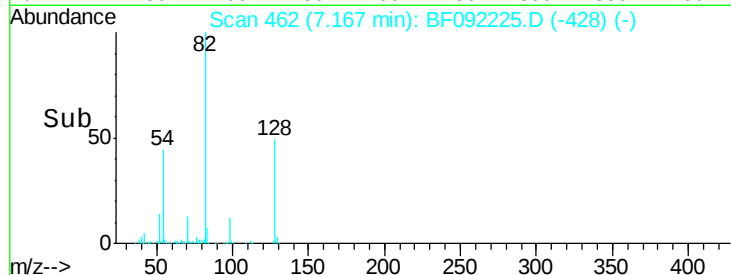
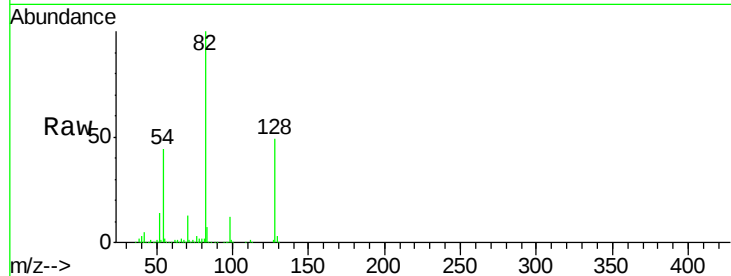
Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Tgt Ion: 94 Resp: 61327

Ion	Ratio	Lower	Upper
94	100		
65	24.2	21.4	61.4
66	35.7	44.0	84.0#

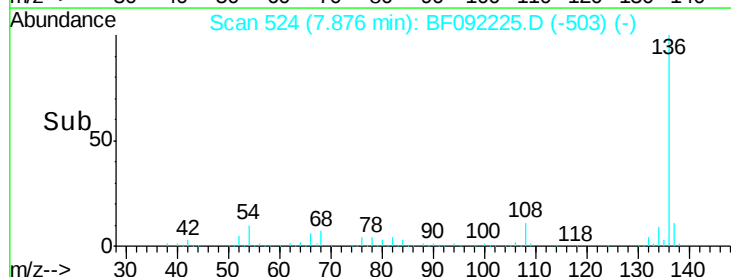
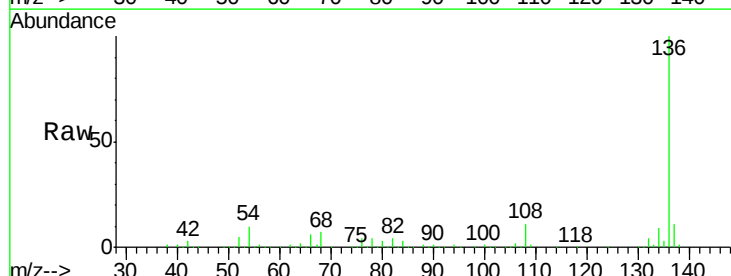
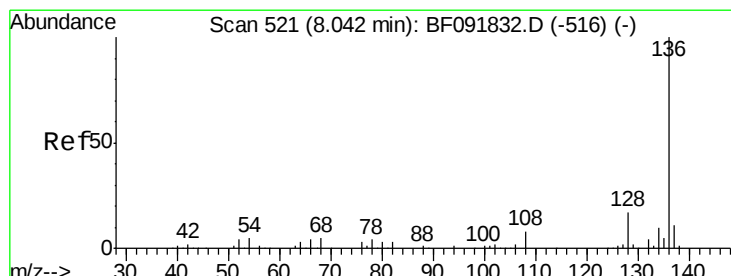
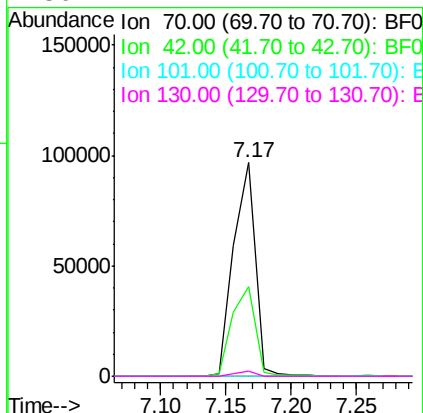




#19
n-Nitroso-di-n-propylamine
Concen: 13.35 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092225.D
Acq: 12 Jan 2017 23:31

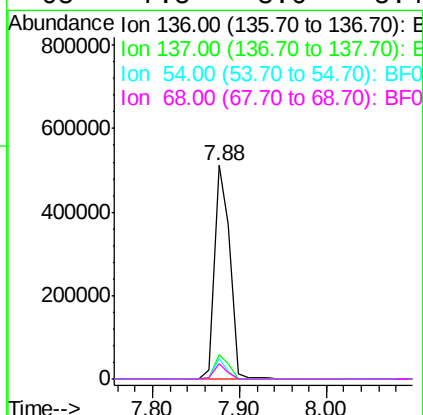
Instrument :
BNA_F
ClientSampleId :
COMP-0020

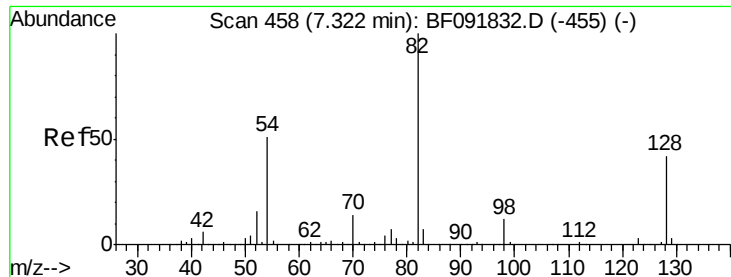
Tgt Ion:	70	Resp:	112130
Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092225.D
Acq: 12 Jan 2017 23:31

Tgt Ion:	136	Resp:	638723
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.6	4.5	6.7#
68	7.5	3.6	5.4#

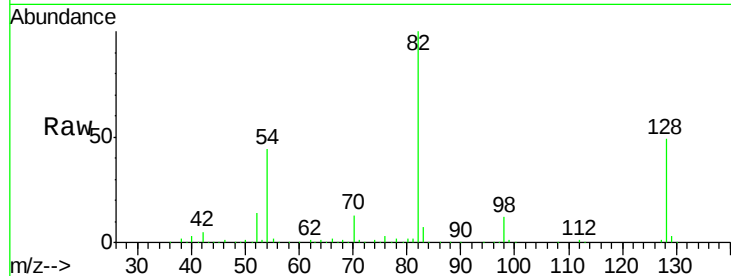




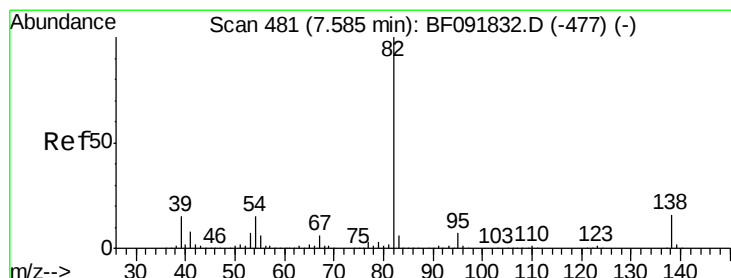
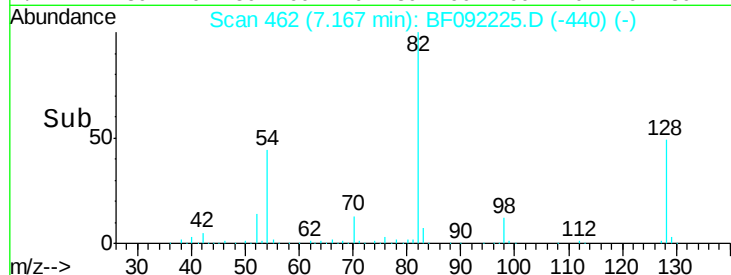
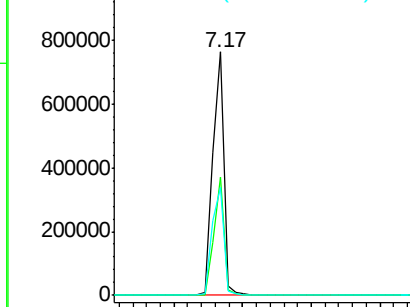
#23
 Nitrobenzene-d5
 Concen: 75.97 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.05 min
 Lab File: BF092225.D
 Acq: 12 Jan 2017 23:31

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0020

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.6	52.0
54	44.1	39.5	59.3

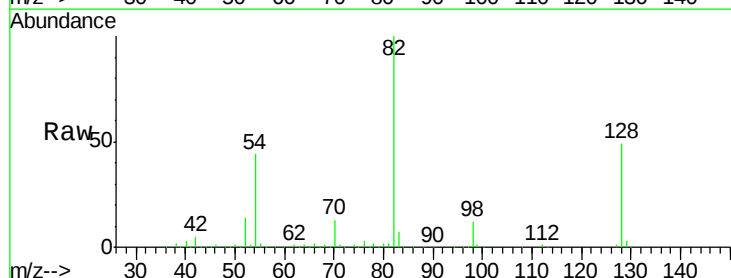


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

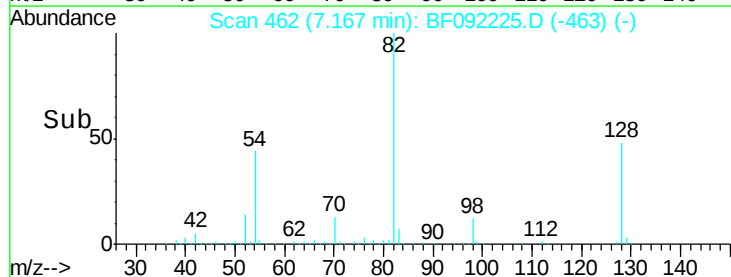
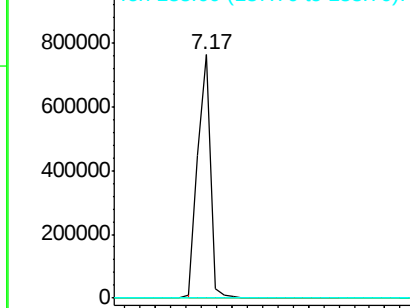


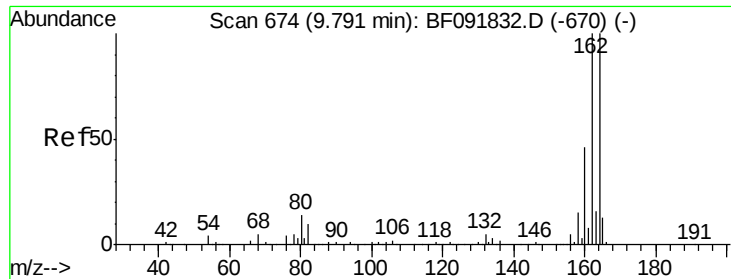
#25
 Isophorone
 Concen: 40.85 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF092225.D
 Acq: 12 Jan 2017 23:31

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Instrument :

BNA_F

ClientSampleId :

COMP-0020

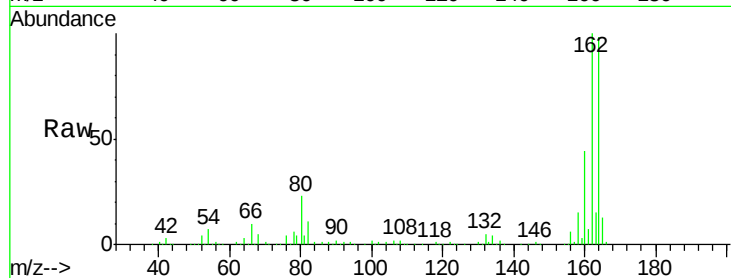
Tgt Ion:164 Resp: 309555

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

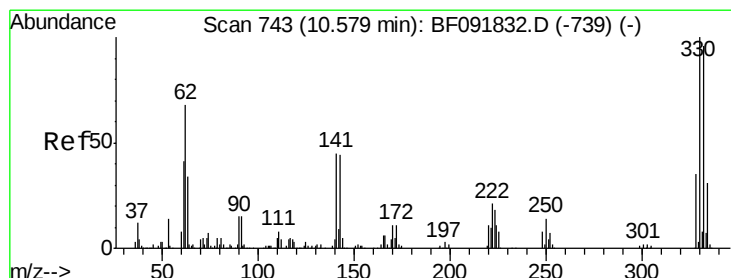
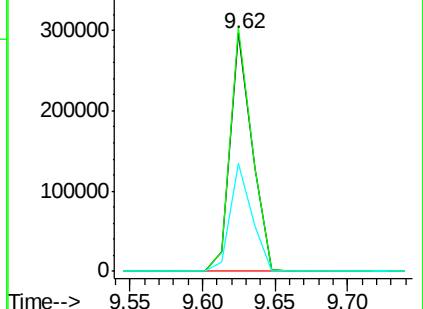
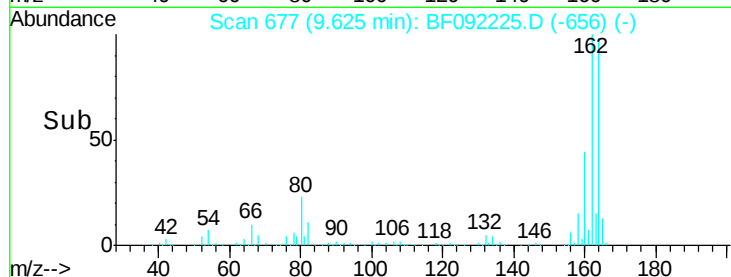
160 45.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 99.27 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

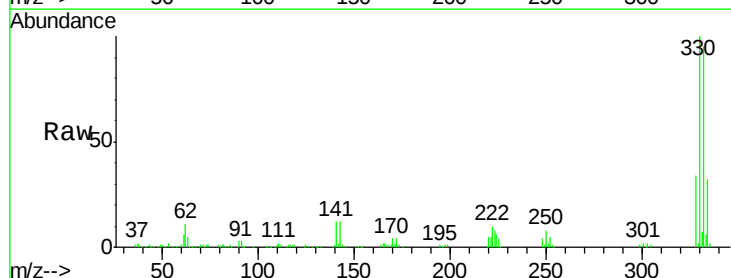
Tgt Ion:330 Resp: 254314

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

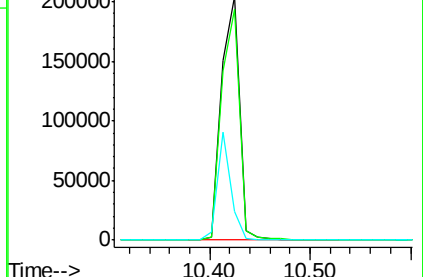
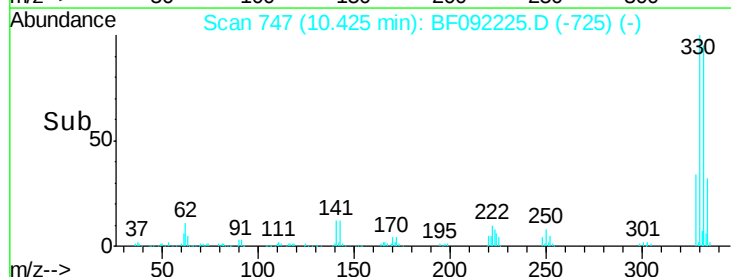
141 33.7 34.1 51.1#

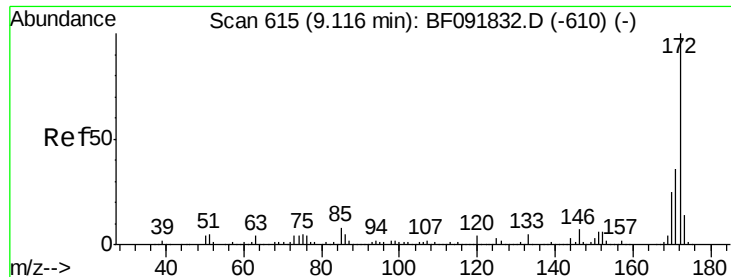


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

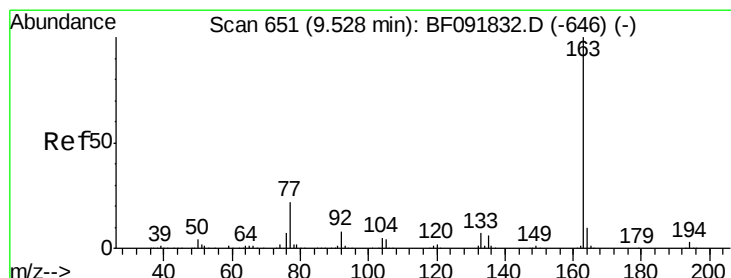
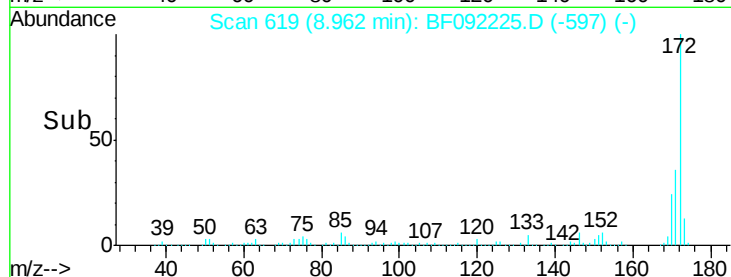
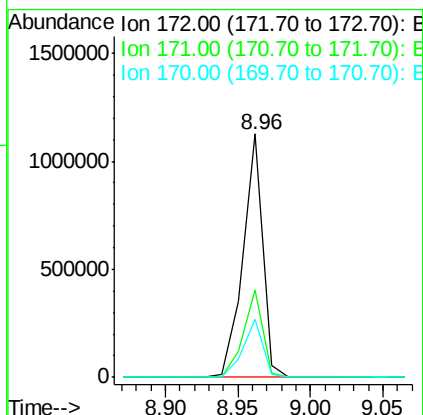
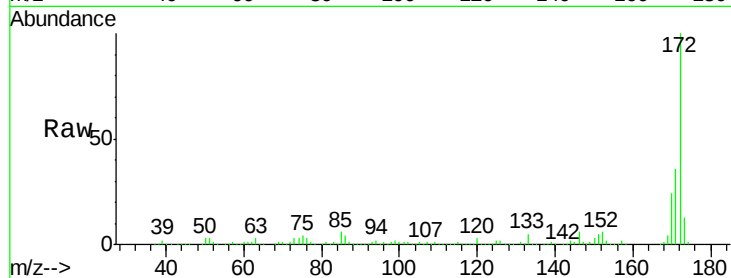




#44
2-Fluorobiphenyl
Concen: 67.92 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092225.D
Acq: 12 Jan 2017 23:31

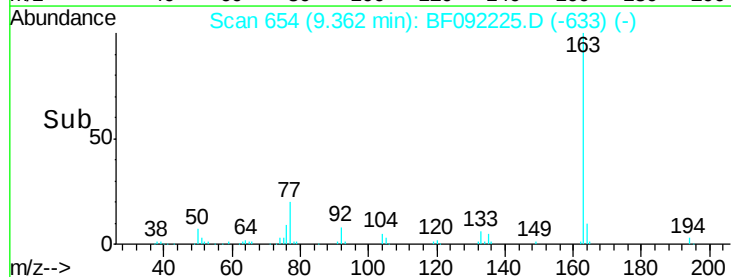
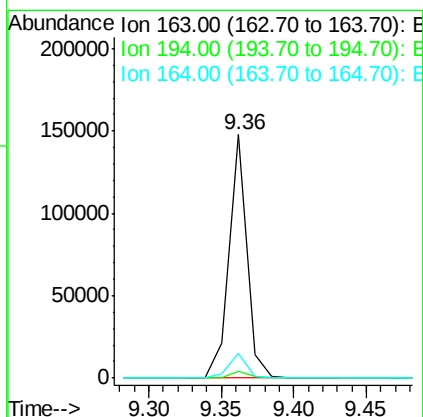
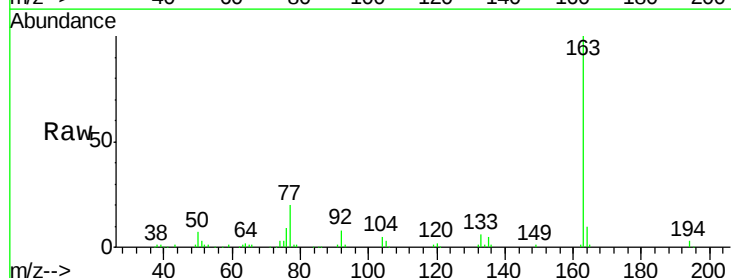
Instrument :
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COMP-0020

Tgt Ion:172 Resp: 1065344
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.9 20.2 30.4



#49
Dimethylphthalate
Concen: 6.42 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092225.D
Acq: 12 Jan 2017 23:31

Tgt Ion:163 Resp: 127175
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 9.9 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 7.67 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.26 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Instrument :

BNA_F

ClientSampleId :

COMP-0020

Tgt Ion:165 Resp: 41735

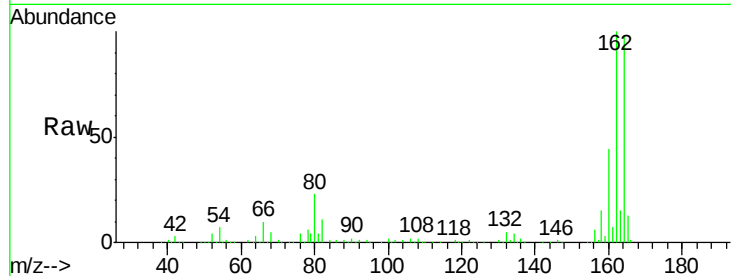
Ion Ratio Lower Upper

165 100

63 0.8 40.2 60.4#

89 0.9 62.5 93.7#

182 0.0 1.8 2.8#

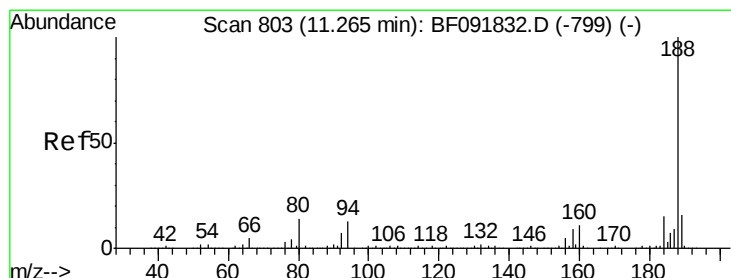
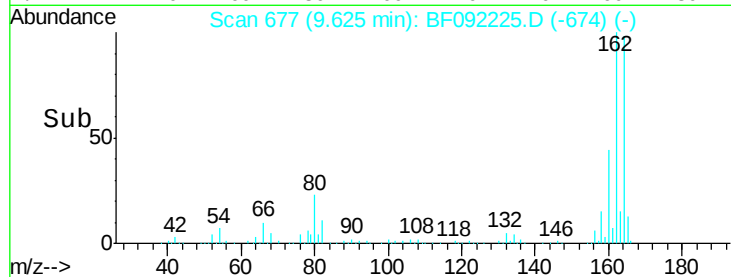
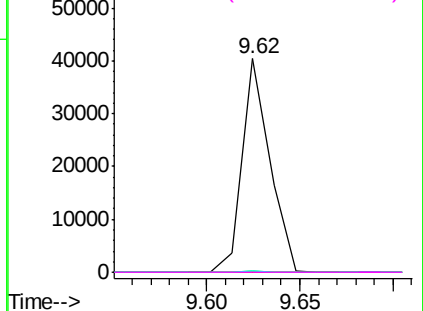


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

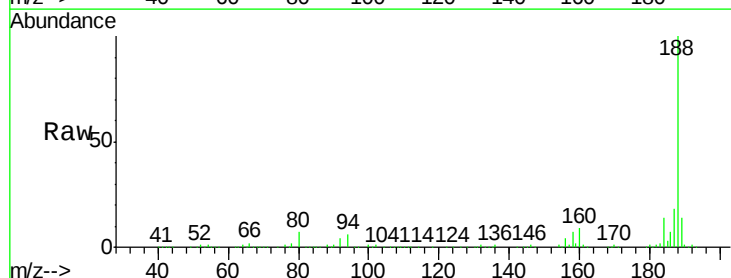
Tgt Ion:188 Resp: 538458

Ion Ratio Lower Upper

188 100

94 6.4 10.0 15.0#

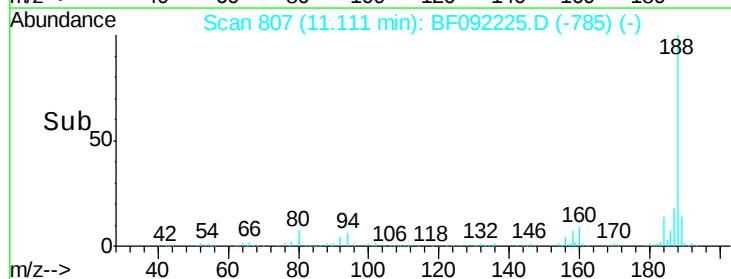
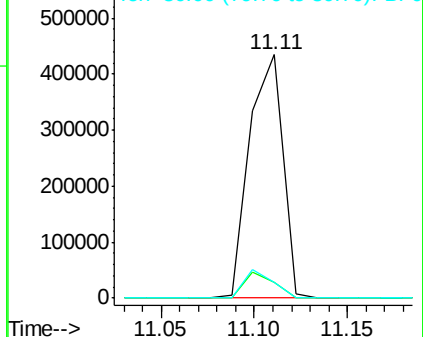
80 6.6 11.2 16.8#

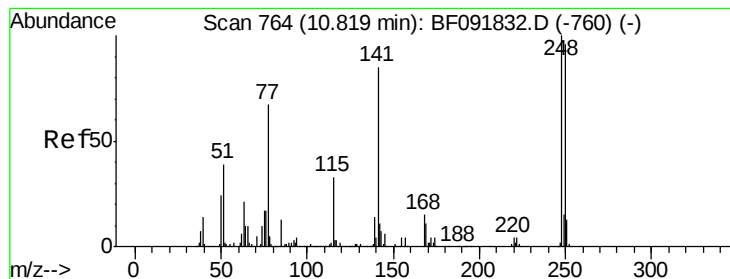


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.73 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.30 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Instrument :

BNA_F

ClientSampleId :

COMP-0020

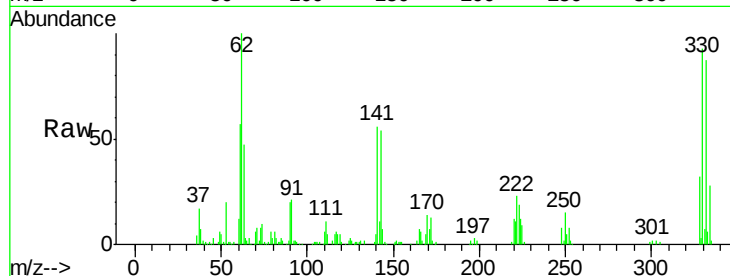
Tgt Ion:248 Resp: 15269

Ion Ratio Lower Upper

248 100

250 188.7 76.9 115.3#

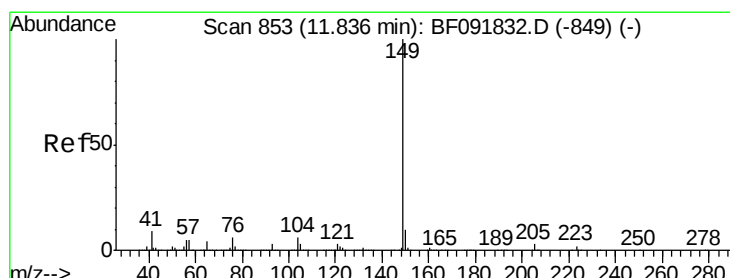
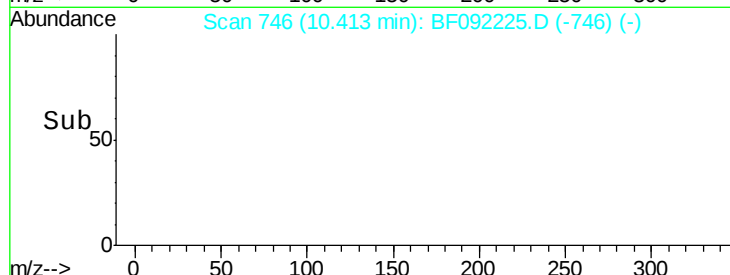
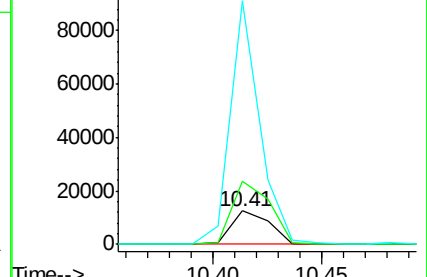
141 724.4 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

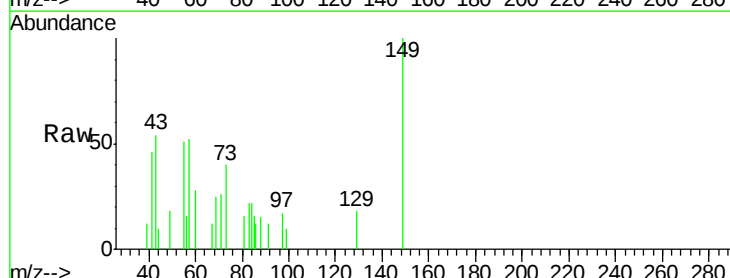
Tgt Ion:149 Resp: 2578

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

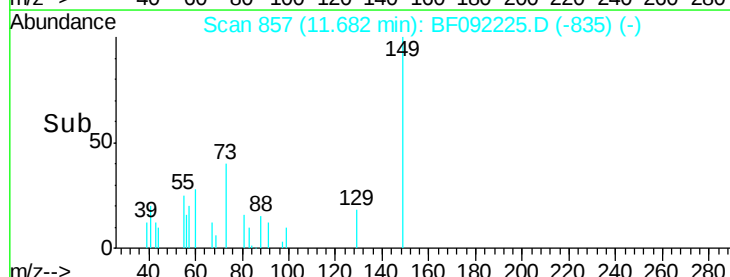
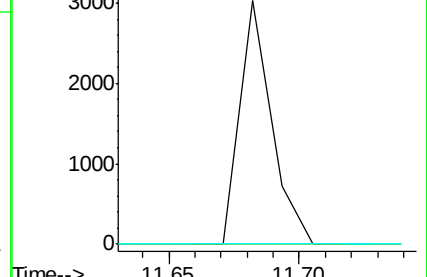
104 0.0 4.6 7.0#

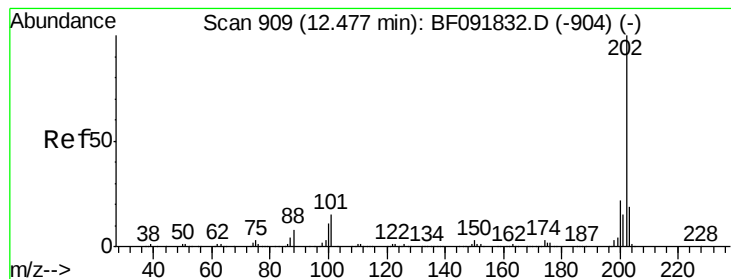


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Instrument :

BNA_F

ClientSampleId :

COMP-0020

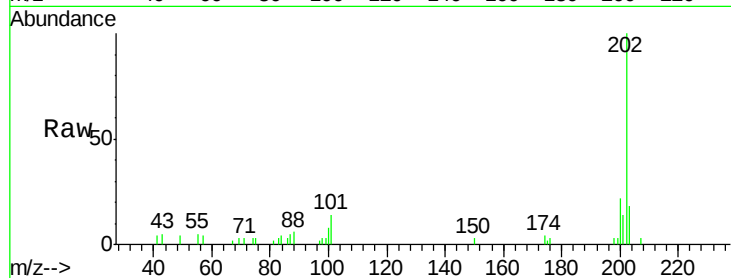
Tgt Ion:202 Resp: 14055

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

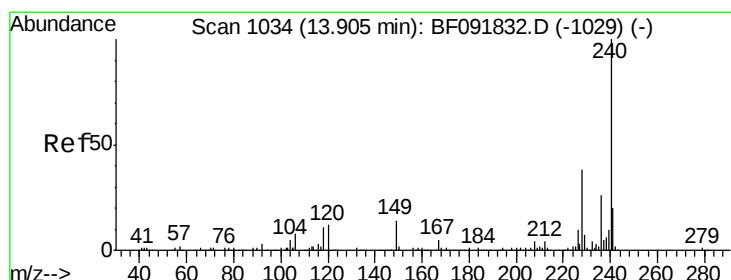
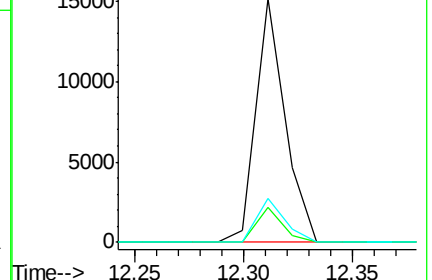
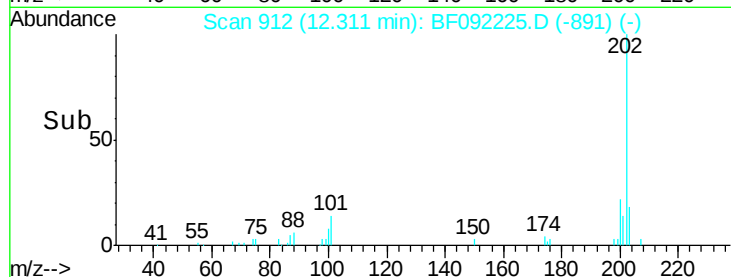
203 17.8 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

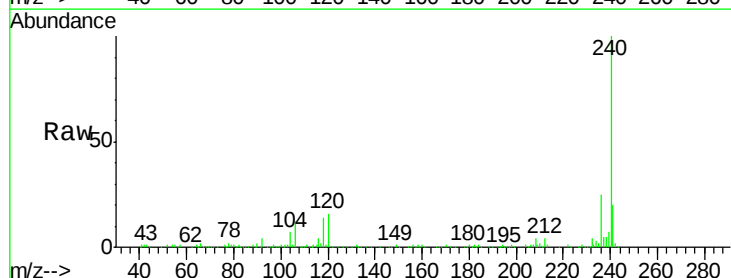
Tgt Ion:240 Resp: 319306

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

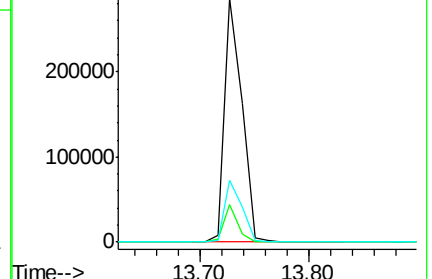
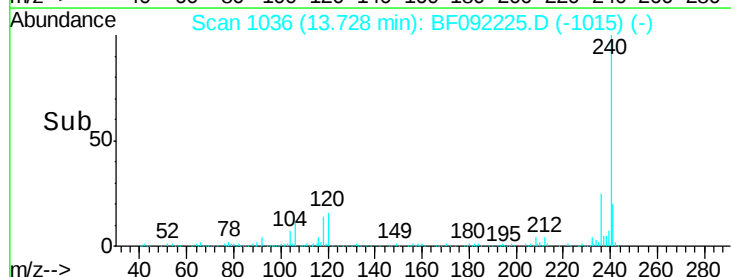
236 25.5 20.9 31.3

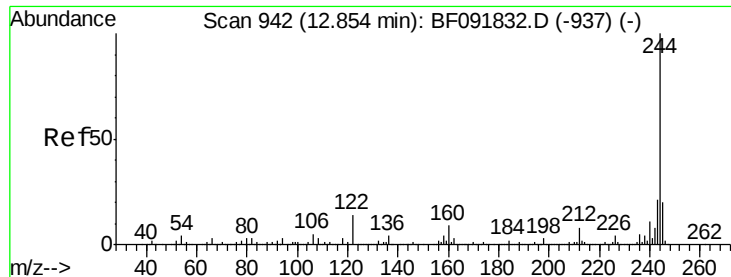


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.43 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

Instrument :

BNA_F

ClientSampleId :

COMP-0020

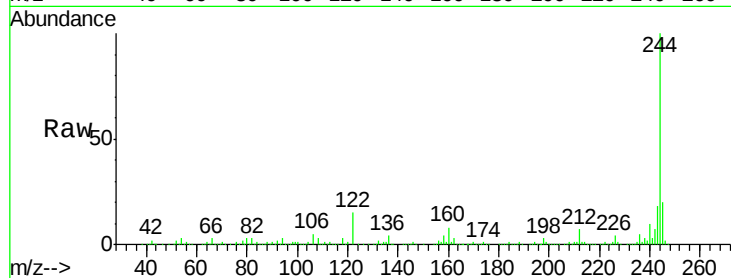
Tgt Ion:244 Resp: 887748

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

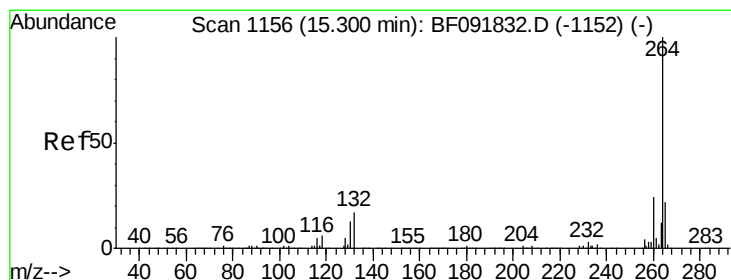
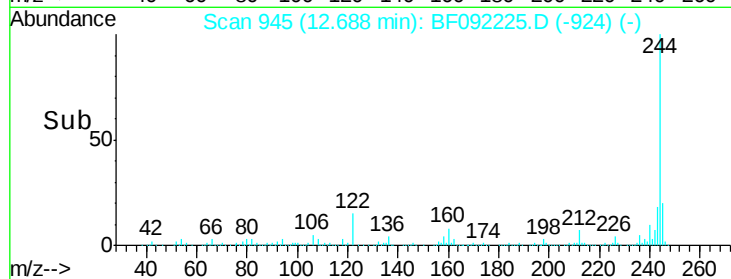
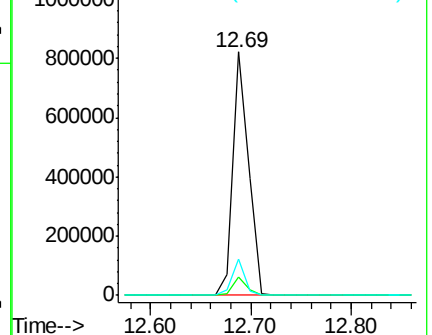
122 14.9 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1155

Delta R.T. -0.06 min

Lab File: BF092225.D

Acq: 12 Jan 2017 23:31

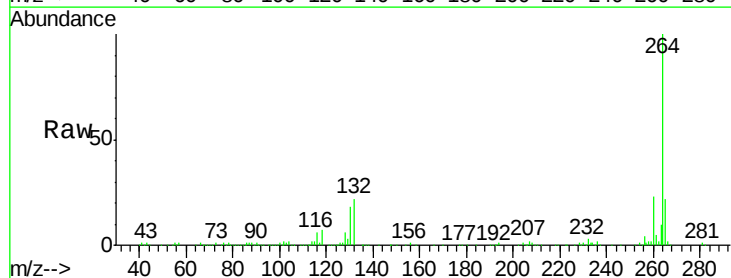
Tgt Ion:264 Resp: 312731

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

